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Respectfully Submitted

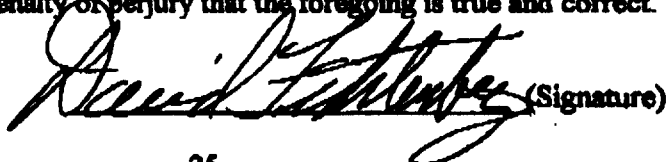


David Fichtenberg

**Spokesperson for the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's Radiofrequency Health and Safety Rules et al**

**Verification:** I declare under penalty of perjury that the foregoing is true and correct. Executed

on Sept 6, 1996 (date)

 (Signature)

**Exhibit 1**

**Subscriptions to Petition for Reconsideration re: ET-Docket 93-62, FCC 96-326**

**Subscription to the Petition For Reconsideration of the Ad-Hoc Association of Parties  
Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules**

**et al**

**I and familiar with and subscribe to the Petition For Reconsideration which is to be filed by the  
Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules et al with regard to the Federal Communication  
Commission Final Rule concerning ET Docket No. 93-62, FCC 96-326, in the Matter of  
Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation.**

**Name: David Fichtenberg**

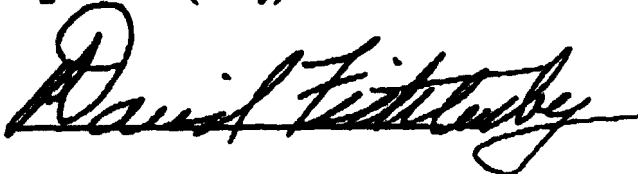
**Address: P.O. Box 7577, Olympia Washington, 98507-7577**

**Date: August 28, 1996**

**Organization representing (if any): Washington Council For Safe Wireless Technology**

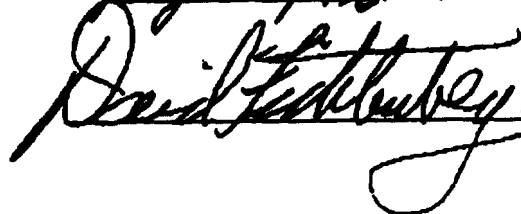
**Position in organization (if any): Director**

**Signature:**



**Verification: I declare under penalty of perjury that the foregoing is true and correct. Executed**

**on Aug 28, 1996 (date)**



**(Signature)**



**Subscription to the Petition For Reconsideration of the Ad-Hoc Association of Parties  
Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules**

**et al**

**I and familiar with and subscribe to the Petition For Reconsideration which is to be filed by the  
Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules et al with regard to the Federal Communication  
Commission Final Rule concerning ET Docket No. 93-62, FCC 96-326, in the Matter of  
Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation.**

**Name:** BILL JENKINS

**Address:** P.O. Box 112  
COSMOPOLIS, WN 98537

**Date:** 8-30-96

**Organization representing (if any):** COMM. WORKERS OF AMERICA  
LOCAL # 7810

**Position in organization (if any):** PRESIDENT

**Signature:** Bill Jenkins

**Verification:** I declare under penalty of perjury that the foregoing is true and correct. Executed  
on 8-30-96 (date)

Bill D. Jenkins (Signature)

TO WHOM IT MAY CONCERN,

I, BILL JENKINS, AND OTHERS IN MY LOCAL  
DO SERVICE WORK AT THESE WIRELESS TRANSMITTER  
SITES. WE COULD BE AFFECT BY RULES AT  
AFFECT SAFETY.

SINCERELY,

Bill W. Jenkins

PRESIDENT CWA LOCAL 7810

**Subscription to the Petition For Reconsideration of the Ad-Hoc Association of Parties  
Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules**

et al

I and familiar with and subscribe to the Petition For Reconsideration which is to be filed by the  
Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules et al with regard to the Federal Communication  
Commission Final Rule concerning ET Docket No. 93-62, FCC 96-326, in the Matter of  
Guidelines for Evaluating the Environmental Effects.

Name: Arthur Firstenberg

Address: P.O. Box 100404, Brooklyn, NY 11210

Date: August 30, 1996

Organization representing (if any): Cellular Phone Taskforce

Position in organization (if any): Chairman

Signature: Arthur Firstenberg

Verification: I declare under penalty of perjury that the foregoing is true and correct. Executed  
on Aug. 30, 1996 (date)

Arthur Firstenberg (Signature)

I and familiar with and subscribe to the petition for non-dissemination under the Internal Security  
Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules et al with regard to the Federal Communication  
Commission Final Rule concerning ET Docket No. 93-62, FCC 96-326, in the Matter of  
Guidelines for Evaluating the Environmental Effects.

**Name:** Cathy Berganni

**Address:** 410 West 53rd Street, #402  
New York, NY 10019

**Date:** August 29, 1996

**Organization representing (if any):**

**Position in organization (if any):**

**Signature:**

Cathy Bergman

**Verification:** I declare under penalty of perjury that the foregoing is true and correct. Executed on August 29, 1996. (date)

Cathy Begma (Signature)

**Subscription to the Petition For Reconsideration of the Ad-Hoc Association of Parties  
Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules**

et al

I and families with and subscribe to the Petition For Reconsideration which is to be filed by the  
Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules et al with regard to the Federal Communication  
Commission Final Rule concerning ET Docket No. 93-62, FCC 96-326, in the Matter of  
Guidelines for Evaluating the Environmental Effects.

Name: Marija Hughes

Address: 2400 Virginia Avenue, NW  
Apt. C501  
Washington, DC 20037

Date: August 28, 1996

Organization representing (if any): Consumer Utility Board  
NMR Alliance  
Federation of Citizens Associations, Vice  
President

Position in organization (if any): Member

Signature: Marija Hughes

Verification: I declare under penalty of perjury that the foregoing is true and correct. Executed  
on 8/28/96 (date)

Marija Hughes (Signature)



## Parents for the Elimination of the Schoolyard Tower

**Subscription to the Petition For Reconsideration of the Ad-Hoc Association of Parties  
Concerned About the Federal Communications Commission's  
Radiofrequency Health and Safety Rules  
et al**

I am familiar with and subscribe to the Petition For Reconsideration which is to be filed by the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's Radiofrequency Health and Safety Rules et al with regard to the Federal Communication Commission Final Rule concerning ET Docket No. 93-62, FCC 96-326, in the Matter of Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation.

**Name:** Catherine Rowe

**Address:** PEST P.O. Box 4817, Laguna Beach, CA 92653

**Date:** September 2, 1996

**Organization representing:** Parents For the Elimination of the Schoolyard Tower (PEST)

**Position in organization:** Founder and Spokesperson

**Signature:** Catherine Rowe

**Verification:** I declare under penalty of perjury that the foregoing is true and correct Executed  
on 9-2-96 (date)

Catherine Rowe (Signature)

**Exhibit 2**

**Some members of the Ad-Hoc Association of Parties Concerned About the Federal  
Communications Commission's Radiofrequency Health and Safety Rules**

All who request membership are admitted as members of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission Radiofrequency Health and Safety Rules

I wish to be a member of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's Radiofrequency Health and Safety Rules and I subscribe to the Petition Of Reconsideration to Federal Communications Commission to be submitted by this association to the Commission regarding the Final Rule and Order FCC 96-326 in ET Docket 93-62.

Signed:

  
David Fichtenberg

Address: PO Box 7577, Olympia Washington 98707-7577

Date: August 28, 1996

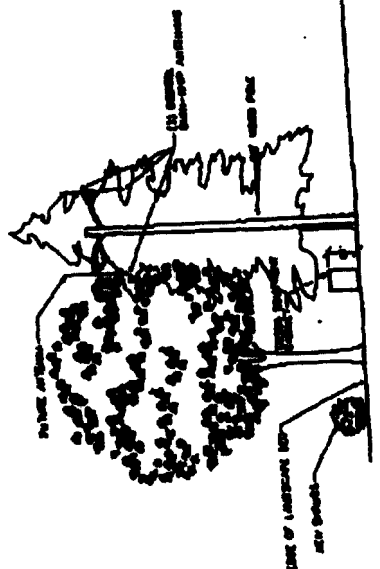
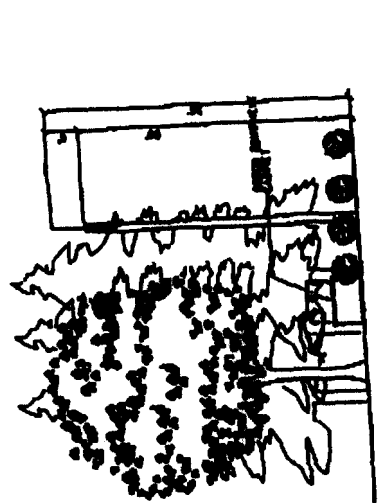
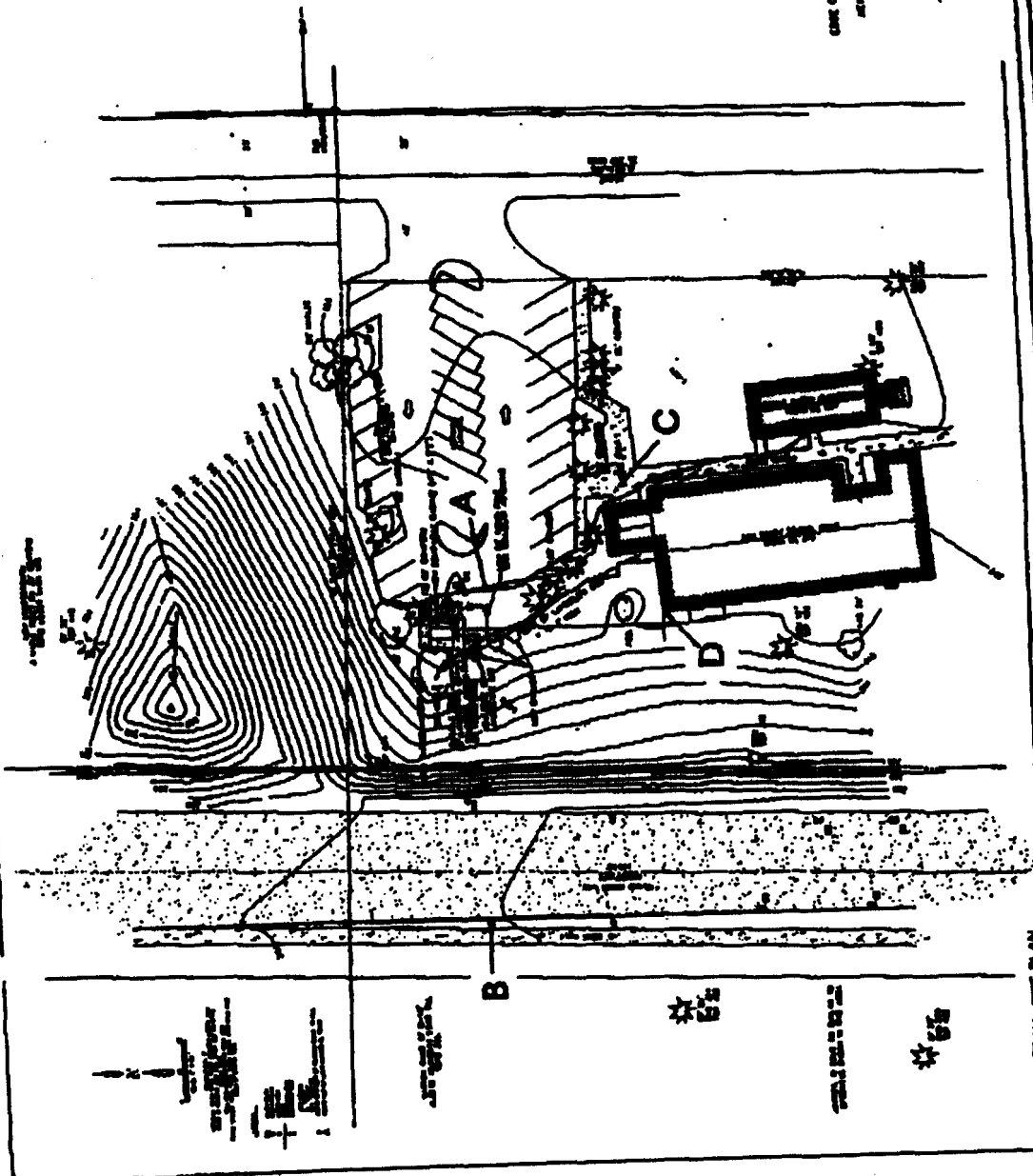
I am presently directly affected by radiofrequency exposure from a telecommunications facility  
     NO XXX YES

If yes, please explain.

My child is attending Northwest Yeshiva High School on Mercer Island where the City of Mercer Island has issued a use permit to build a cellular telephone transmission facility called the Mercer Crest Cell Site.

The transmission facility is to be located next to the school parking lot where children stand and visit, and is about 80 feet from a grassy area where students sit, and is about 70 feet from classrooms (see attached map).





5020  
A-2

MERCER CREST CELL SITE  
SITE PLAN

CELLULARONE

OVERALL SITE PLAN



CITY OF MERCER ISLAND, WASHINGTON  
9611 S.E. 36 St. • Mercer Island, WA 98040-3732

February 3, 1995

Ms. Laurel Van Eaton  
Cellular One  
617 Eastlake Avenue E.  
P.O. Box 9159  
Seattle, WA 98109

RE: Approval of Variance for Mercer Island Cell Site

Dear Ms. Van Eaton,

This is to notify you of the City's approval of Cellular One's request for a height variance to allow for a 50 foot tall wood pole in lieu of the 35 foot pole allowed by the zoning code. This variance is allowed on the condition that all requirements for the conditional use permit granted for this site will be met.

Section 19.04.0606, Antennas, Mercer Island Zoning Code, (J) states that if strict application of the provisions (of the Code) would preclude an antenna from receiving or transmitting a usable signal...an application for variance may be filed under the provisions of Section 19.04.1404. The Code Official may grant a variance upon finding that the criteria set forth in Section 19.04.1404(B) are met and that either of the following criteria are met:

- 1) Compliance with the above provisions would prevent the antenna from receiving or transmitting a usable signal; and the alternatives proposed constitutes the minimum necessary to permit acquisition or transmission of a usable signal, or
  - 2) The alternatives proposed have less impact on adjacent property owners than strict application of the above provisions.
- Cellular One met the criteria for pursuing a variance request. Subsequently, Staff used the following criteria from Section 19.04.1404(B) in evaluating your variance request.

1. Special circumstances applicable to the lot or tract, (such as size, shape, topography, location or surroundings, uses or ground cover or other physical conditions):

*The use of a cellular antenna has been approved by the City for this site. The elevation of this site is such that a 50 foot tall pole is necessary for the signals to operate on "line of sight" and not be obstructed by hills and/or other buildings.*



2. That the granting of the variance will not be materially detrimental to the public welfare or injurious to the property or improvements in the vicinity and zone in which the property is located:

*This cellular antenna uses ultra high frequency (UHF) bands for transmission of radio signals. This antenna site will have 20 channels operating at 40 watts each. Assuming a scenario with all 20 channels transmitting at the same time, a maximum ground level power density of 3.39 microwatts per square centimeter is produced. As certified by a professional engineering firm, this is a very low level of power density and there is negligible electromagnetic field exposure to humans from this cell site; 0.696 of the American National Standards Institute (ANSI) maximum permissible exposure of 579 microwatts per*


3. That granting of the variance will not alter the character of the neighborhood, nor impair the appropriate use or development of adjacent property:

*This facility was designed to blend into its location. It is situated on a large lot, and is at least 200 feet from the nearest homes. This site was chosen because of its distance from local residences and the main roads (Island Crest Way and 90th Ave SE.) Cellular One has used a wood pole, which is intended to blend in with the surrounding trees. The pole will be located within a stand of tall trees which screen the antenna very well. (Cellular One submitted photos of the facility digitally imposed on the site, showing how the antenna would be screened by surrounding vegetation.) The cabinet will also be screened by vegetation and painted a forest green to blend in.*

4. The granting of the variance will not conflict with the general purposes and objectives of the Comprehensive Plan.

*The Comprehensive Plan states that the City shall "establish guidelines for the development of new telecommunications facilities that balance the desire for these facilities to be compatible with their surroundings against the public benefits derived from them." Cellular One has proposed a small site that blends well with its surroundings and is located away from local residences.*

Please call if you have any questions about the variance.  
Sincerely,

  
Lisa Krupp-Wilmeth  
Development Services

cc: Variance respondents  
City Attorney

All who request membership are admitted as members of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission Radiofrequency Health and Safety Rules

I wish to be a member of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's Radiofrequency Health and Safety Rules and I subscribe to the Petition Of Reconsideration to Federal Communications Commission to be submitted by this association to the Commission.

I recognize David Fichtenberg as the spokesperson for this association in the matter of filing a petition for reconsideration of the Commission Final Rule and Order FCC 96-326, and in related matters.

Signed: *Arthur Fichtenberg*

Address: *P.O. Box 100404, Brooklyn, NY 11210*

Date: *Aug. 30, 1996*

I am presently directly affected by radiofrequency exposure from a telecommunications facility  
☐ NO ☒ YES

If yes, please explain.

If I live immediately near a telecommunications facility please describe specifically the proximity of residence to the telecommunications site. Please provide a drawing or map showing the location of the telecommunications facility and residence.

If child is going to a school with a telecommunications facility on or near the school or to a school with a permit approved for such a facility on or near the school please describe and indicate if the facility is built or only approved. Please provide a map or drawing if possible describing the location of the telecommunications facility.

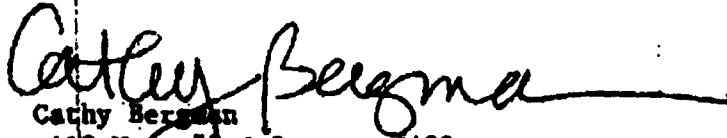
*I have electromagnetic hypersensitivity. Already much of Manhattan is inaccessible to me, especially any location above the 15<sup>th</sup> floor of buildings because of the cumulative effect of rooftop antennas. Worldview Plaza on W. 50<sup>th</sup> St between 8<sup>th</sup> + 9<sup>th</sup> Aves is inaccessible because of a cellular station atop a nearby building. New York City is poised to issue a Request for Proposal for 3,000 lamp-post-top antennas, thus threatening my freedom to live here altogether.*

All who request membership are admitted as members of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission Radiofrequency Health and Safety Rules

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I recognize David Fichtenberg as the spokesperson for this association in the matter of filing a petition for reconsideration of the Commission Final Rule and Order FCC 96-326, and in related matters.

Signed:



Address:

Cathy Bergman  
410 West 53rd Street, #402  
New York, NY 10019

Date:

August 29, 1996

I am presently directly affected by radiofrequency exposure from a telecommunications facility

     NO

   XXX    YES

If yes, please explain SEE BELOW

If live immediately near a telecommunications facility please describe specifically the proximity of residence to the telecommunications site. Please provide a drawing or map showing the location of the telecommunications facility and residence.

If child is going to a school with a telecommunications facility on or near the school or to a school with a permit approved for such a facility on or near the school please describe and indicate if the facility is built or only approved. Please provide a map or drawing if possible describing the location of the telecommunications facility.

There are a number of cellular transmitting facilities in my neighborhood within a two block radius of my home. In addition, I can see four cellular transmitting devices on the rooftops of adjoining buildings from my office window. My office is on the 35th floor of a building on the west side of Manhattan and these cellular transmitting devices are at eye level.

Further, the City of New York has a pending proposal to erect over 3,000 cellular antennas on lampposts though New York City. The newspaper has announced the cellular industry's plan to "blanket the city" in cellular antennas. This will create a unescapable radiation blanket. The City will not listen to concerns that have been expressed about health and safety issues because of the Telecommunications Act of 1996.

All who request membership are admitted as members of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission Radiofrequency Health and Safety Rules

I wish to be a member of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's Radiofrequency Health and Safety Rules and I subscribe to the Petition Of Reconsideration to Federal Communications Commission to be submitted by this association to the Commission.

I recognize David Fichtenberg as the spokesperson for this association in the matter of filing a petition for reconsideration of the Commission Final Rule and Order FCC 96-326, and in related matters.

Signed:

*Marijn Hughes*

Address:

*2400 Virginia Avenue, NW #C501  
Washington, DC 20037*

Date:

*8/28/96*

I am presently directly affected by radiofrequency exposure from a telecommunications facility

     NO

  X   YES

If yes, please explain.

If live immediately near a telecommunications facility please describe specifically the proximity of residence to the telecommunications site. Please provide a drawing or map showing the location of the telecommunications facility and residence.

If child is going to a school with a telecommunications facility on or near the school or to a school with a permit approved for such a facility on or near the school please describe and indicate if the facility is built or only approved. Please provide a map or drawing if possible describing the location of the telecommunications facility.

*see attached letter*



Parents for the Elimination of the Schoolyard Tower  
P.O. Box 4817, Laguna Beach, CA 92652

September 2, 1996

I and our association Parents For the Elimination of the Schoolyard Tower wish to be a member of the Ad-Hoc Association of Parties Concerned About the Federal Communications Commission's Radiofrequency Health and Safety Rules and I subscribe to the Petition Of Reconsideration to Federal Communications Commission to be submitted by this association to the Commission.

I recognize David Fichtenberg as the spokesperson for this association in the matter of filing a petition for reconsideration of the Commission Final Rule and Order FCC 96-326, and in related matters.

I and my association represent the interests of hundreds of parents as who have supported our petition to have a wireless telecommunications facility removed from the school of the children of these parents. Our Association also has received the full support of this school's Parent Teacher Association. My child also attends this school. Children are not only affected while in their classrooms, but more so on the playground where there are no building materials to attenuate the signal strength. Also, as children go to and from school they are exposed. Thus, I and those whose interests I and my association represent are directly affected by the Commission's rule FCC 96-326 of ET Docket 93-62 and will directly benefit if the requests in this petition are granted.

Signed: Catherine Rowe

Catherine Rowe

Founder and Spokesperson for the Parents For the Elimination of the Schoolyard Tower

Address: PEST, PO Box 4817, Laguna Beach, CA 92652

**Exhibit 3      Test Measurement Protocol of Carol Cobbs - a prototype for needed  
measurements**



**Suggested EMF Monitoring Measurements at Transmitter Sites By C.A. Cobbs**

<b>EMF Parameter to be Assessed</b>	<b>Suggested Test Equipment</b>	<b>Suggested Method or Technique</b>	<b>Comments</b>
<b>Microwave Power Density</b>	HP 435B, Battery-Powered MW Power Meter with 8542A Thermistor Sensor and Calibrated Horn Antenna, or updated equivalent.	Map 360 degrees around proposed site at 10 meter increments to a distance of 100M. (See Chart). Aim horn away from site or towards existing towers. Make measurements at 1m and 2m above ground in open areas and at occupancy levels in buildings within 100m.	1m simulates the average height of small children, 2m, that of adults. A hand-held Global Positioning Satellite Receiver (GPS) should be used to position readings. A non-metal tripod should be used, along with fiber optic cables from sensor to readout.
<b>Radio Frequency Field Density</b>	Broadband RF Survey Meter with isotropic, omnidirectional probe (Holaday Instruments, Hewlett-Packard, etc.)	Probe sensor should be tripod-mounted (non-metallic) with fiber optic cables at least 10m long connected to readout unit to eliminate possible coupling effects between probe and operator.	RF probe positions should be identical (by Loran coordinates on GPS unit) to MW, and all other sensor or probe positions. Make measurements at 1m and 2m, as above. Flag all 'Hot Spots' or 'nulls' in signal density/intensity.
<b>Broadband Spectrum Analysis Covering the Frequency Range of 80Hz to 3GHz.</b>	HP 35665A (Low-Frequency), HP 8591 (VHF to MW) or HP 8580E (ELF to MW) with ELF and VHF-MW isotropic Sensors.	Record the spectrum of frequencies at selected GPS coordinates. Note any displayed interference or constructive/destructive harmonics.	Spectrum Analysis readings at: center of site and 4-positions on circles extending 10m, 20m and 50m from antenna site. Spectrum readings must also be conducted at all GPS locations where RF or MW 'Hot Spots' or 'Nulls' were previously detected.
<b>Low-Frequency (60Hz) Electric and Magnetic Fields from Overhead or Underground Powerlines</b>	Holaday Instruments or Combinova Low-Frequency Measurement System (E+H) with Fiber Optic Isolation Cables and Accessories	Record electric(E) and magnetic(H) field readings at 4 compass-point locations including GPS data, on circles 10m, 20m, and 50m from center of site. Also measure at 10m, fields from existing powerlines within site area.	Powerline towers and cables, transformers, substations, etc. as well as cyclone fences and other metallic structures can cause constructive/destructive harmonics, signal interference, re-radiation and attenuation or amplification of transmitter signals.